Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022401.D
Acq On : 17 Jun 2016 23:54
Operator : UM/SJ
Sample : H3591-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-3

Quant Time: Jun 18 01:27:09 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	59167	20.00	ng	0.27
21) Naphthalene-d8	11.35	136	346	20.00	ng	0.45
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.72
63) Phenanthrene-d10	17.43	188	147200	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	128546	20.00	ng	-0.05
86) Perylene-d12	24.93	264	123560	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	172044	56.22	ng	-0.03
7) Phenol-d6	7.24	99	246964	51.33	ng	-0.01
23) Nitrobenzene-d5	9.63	82	337	67.90	ng	0.37
41) 2,4,6-Tribromophenol	16.18	330	83428	0.00	ng	-0.04
44) 2-Fluorobiphenyl	13.31	172	349920	0.00	ng	-0.04
78) Terphenyl-d14	20.02	244	468366	86.50	ng	-0.04
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	14661	4.50	ng	# 61
25) Isophorone	10.23	82	198	17.05	ng	# 67

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022401.D
Acq On : 17 Jun 2016 23:54
Operator : UM/SJ
Sample : H3591-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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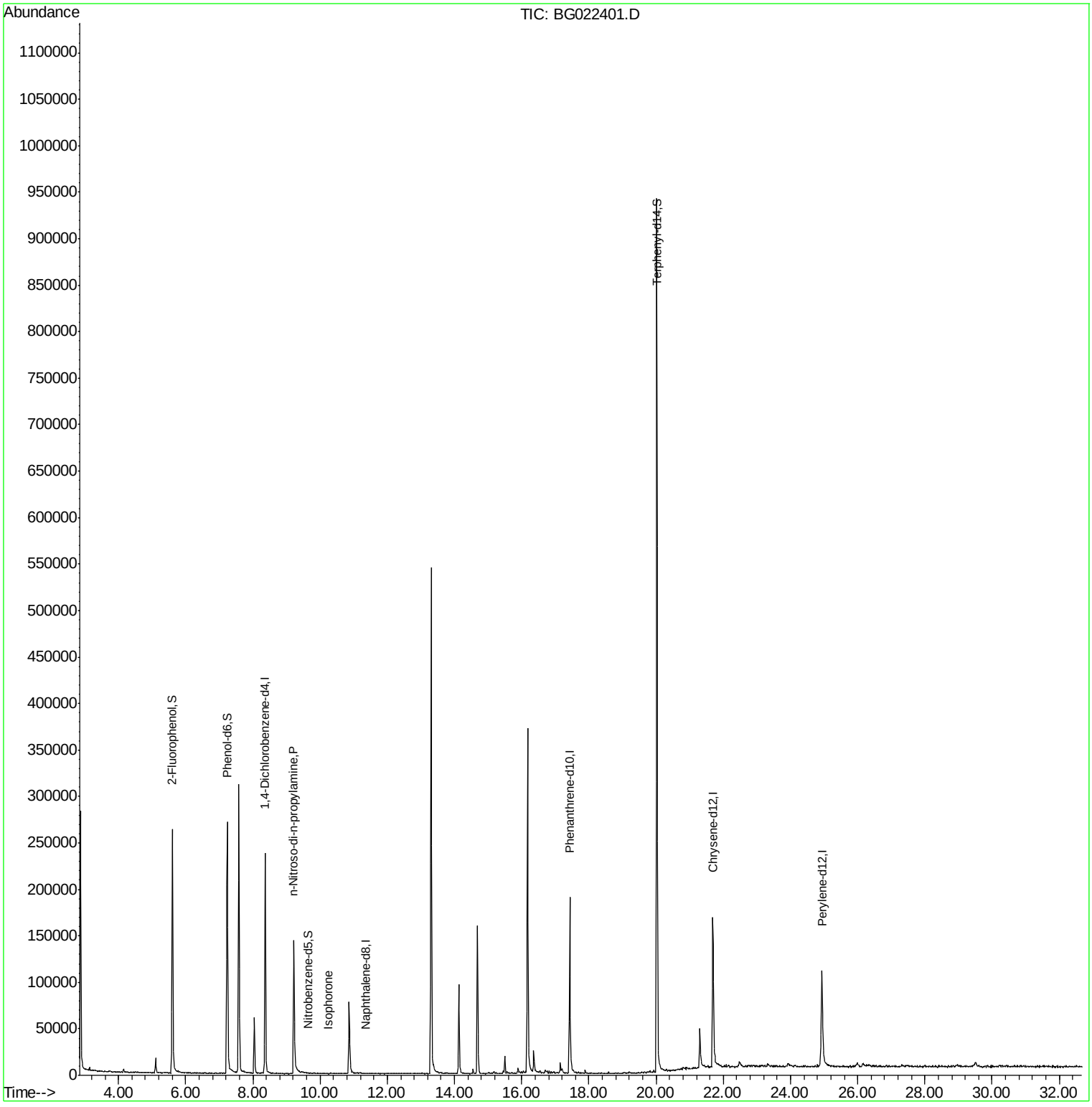
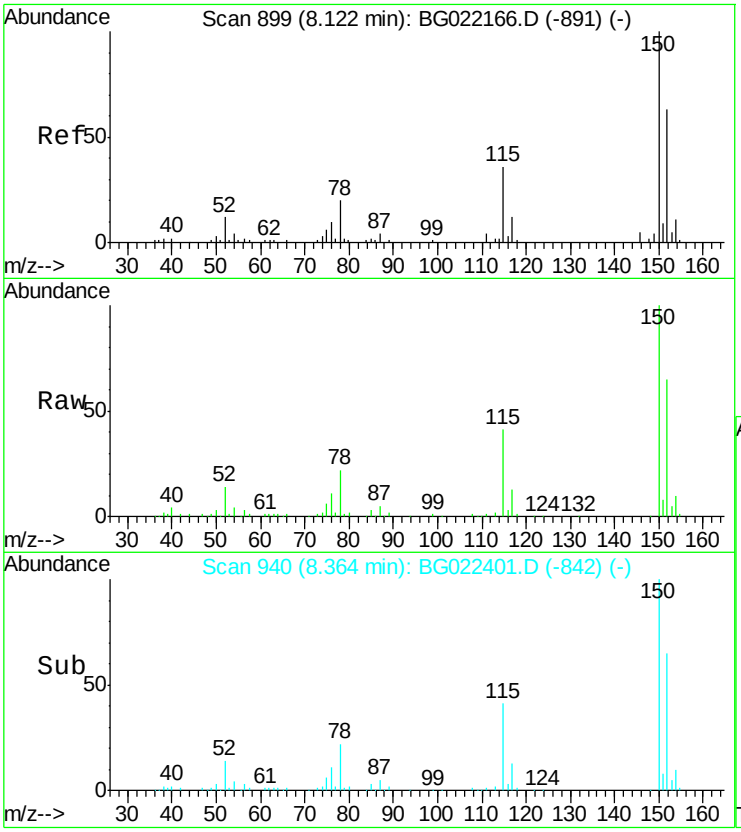


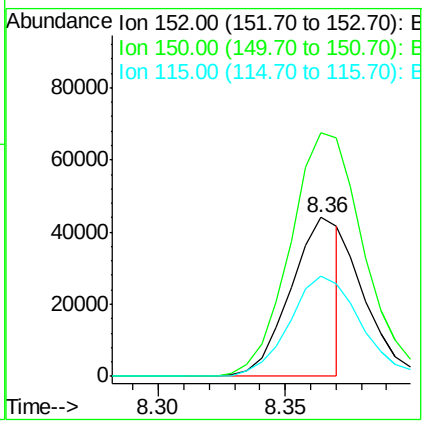


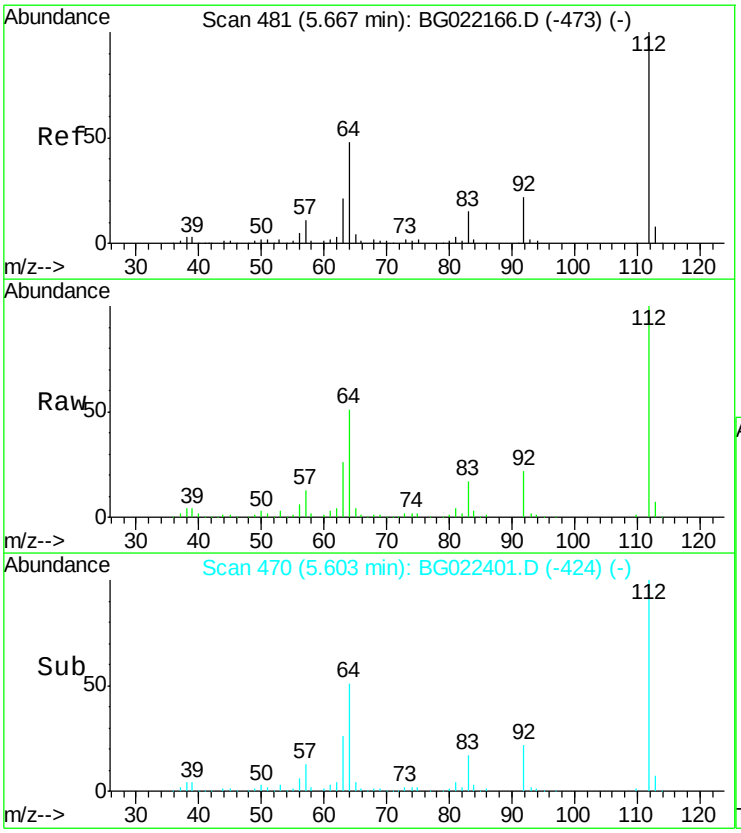
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.36 min Scan# 940
Delta R.T. 0.27 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Instrument :
BNA_G
ClientSampleId :
W-3

Tgt Ion:152 Resp: 59167

Ion	Ratio	Lower	Upper
152	100		
150	153.3	130.1	195.1
115	63.4	62.2	93.2

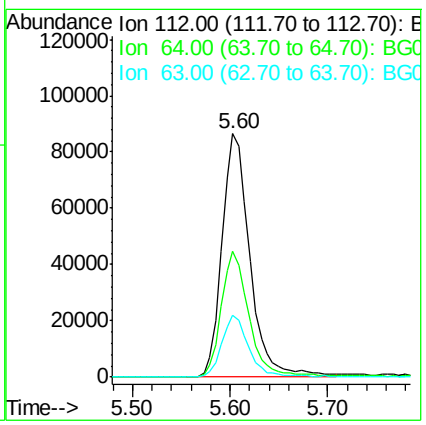


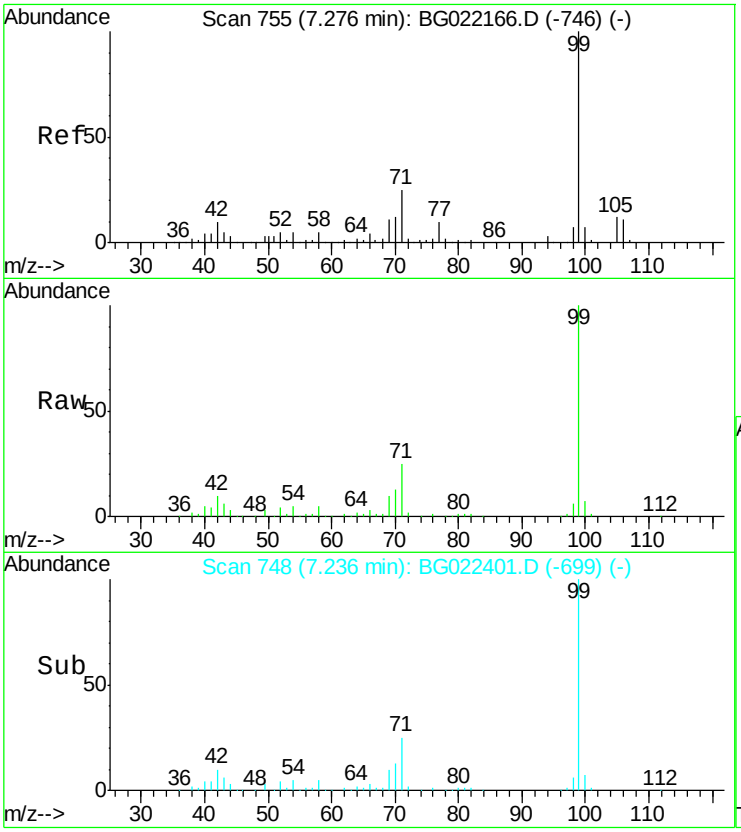


#5
2-Fluorophenol
Concen: 56.22 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.03 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Tgt Ion:112 Resp: 172044

Ion	Ratio	Lower	Upper
112	100		
64	51.5	51.1	76.7
63	25.6	24.6	37.0



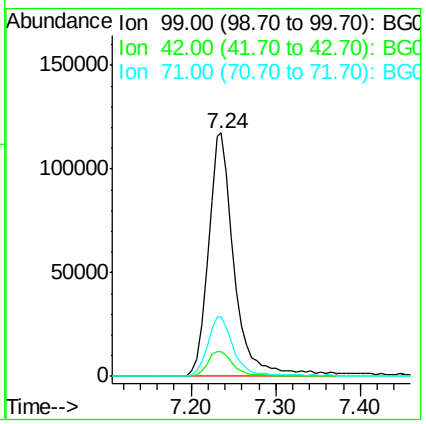


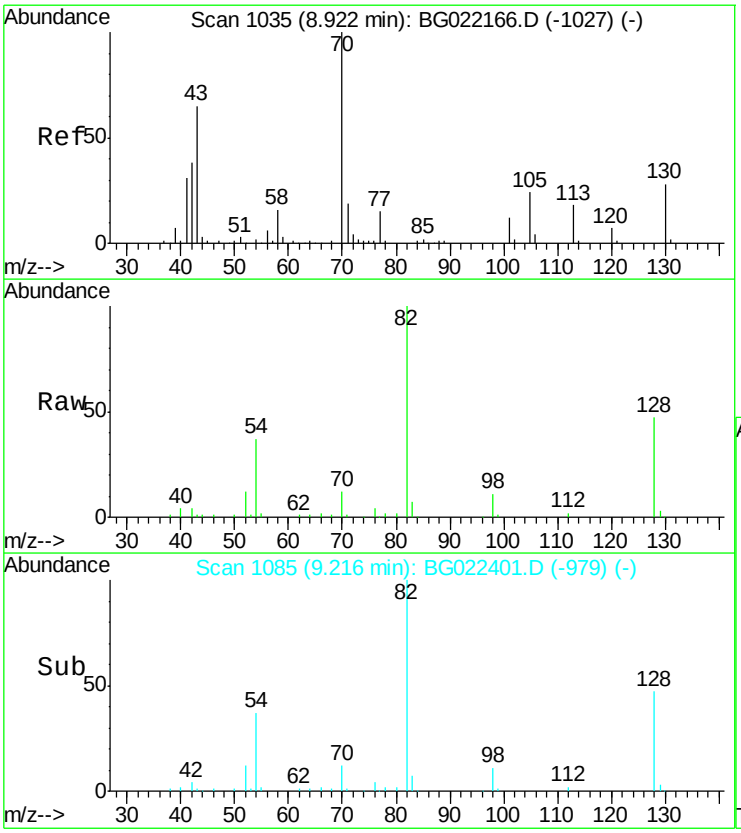
#7
Phenol-d6
Concen: 51.33 ng
RT: 7.24 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Instrument :
BNA_G
ClientSampleId :
W-3

Tgt Ion: 99 Resp: 246964

Ion	Ratio	Lower	Upper
99	100		
42	10.4	16.4	24.6#
71	24.6	25.0	37.4#

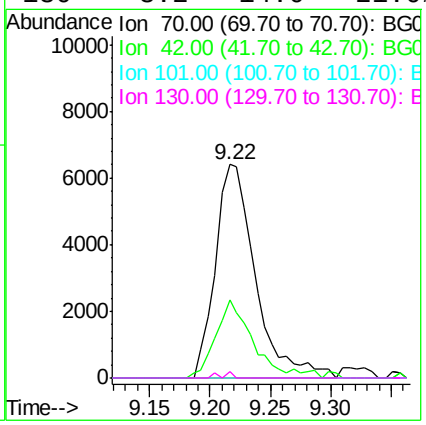


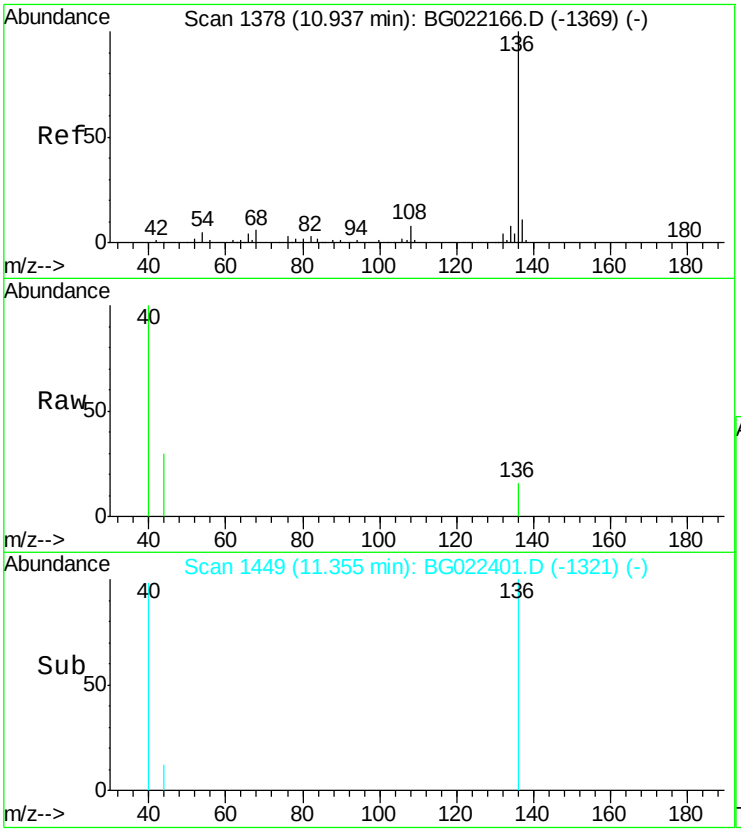


#19
n-Nitroso-di-n-propylamine
Concen: 4.50 ng
RT: 9.22 min Scan# 1085
Delta R.T. 0.32 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Tgt Ion: 70 Resp: 14661

Ion	Ratio	Lower	Upper
70	100		
42	36.5	56.7	85.1#
101	0.0	8.2	12.4#
130	3.2	14.0	21.0#



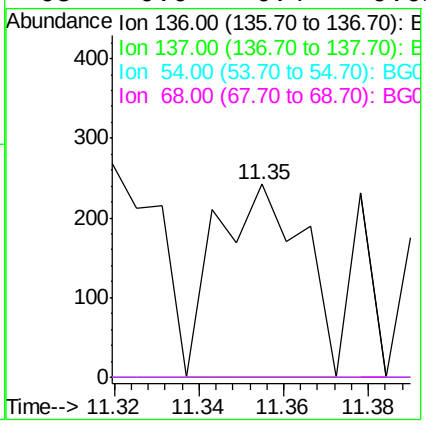


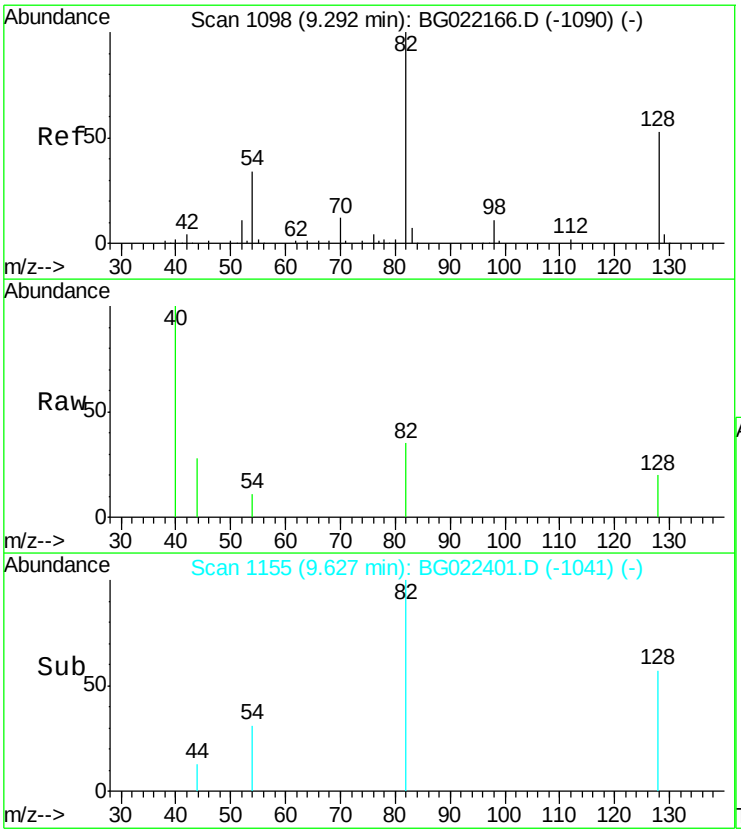
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.35 min Scan# 1449
Delta R.T. 0.45 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Instrument :
BNA_G
ClientSampleId :
W-3

Tgt Ion:136 Resp: 346

Ion	Ratio	Lower	Upper
136	100		
137	0.0	9.0	13.4#
54	0.0	9.6	14.4#
68	0.0	6.4	9.6#

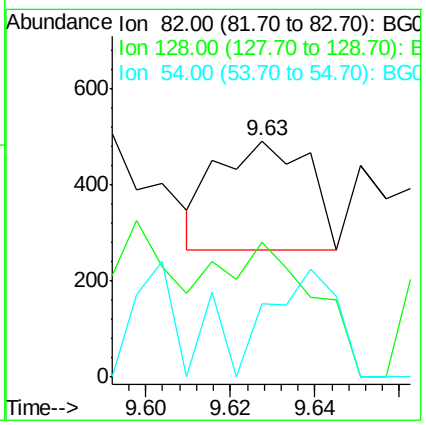


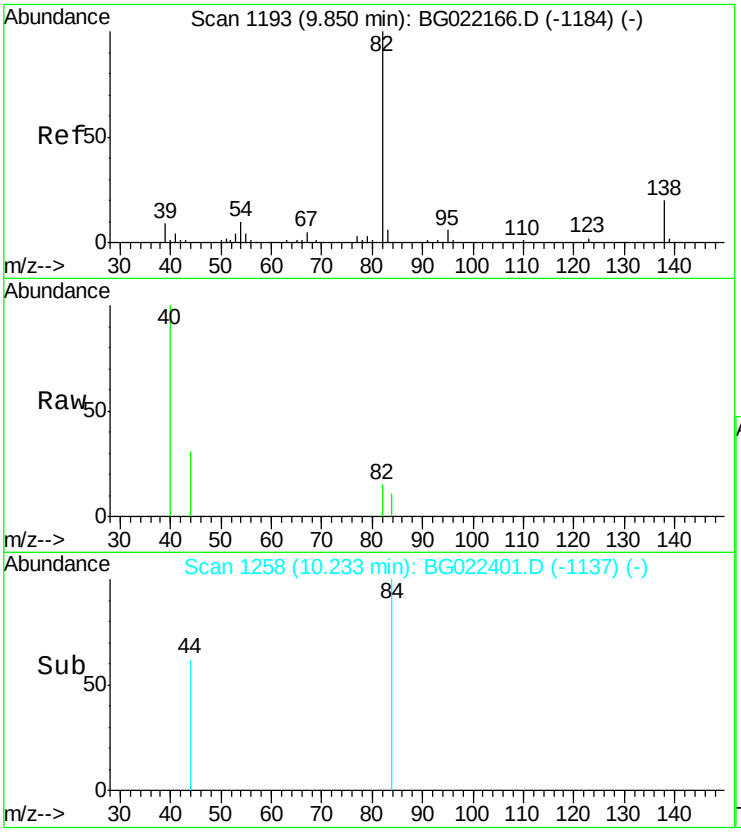


#23
Nitrobenzene-d5
Concen: 67.90 ng
RT: 9.63 min Scan# 1155
Delta R.T. 0.37 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Tgt Ion: 82 Resp: 337

Ion	Ratio	Lower	Upper
82	100		
128	57.0	33.4	50.0#
54	31.2	46.1	69.1#



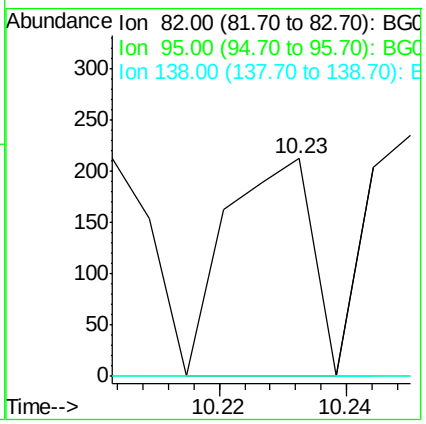


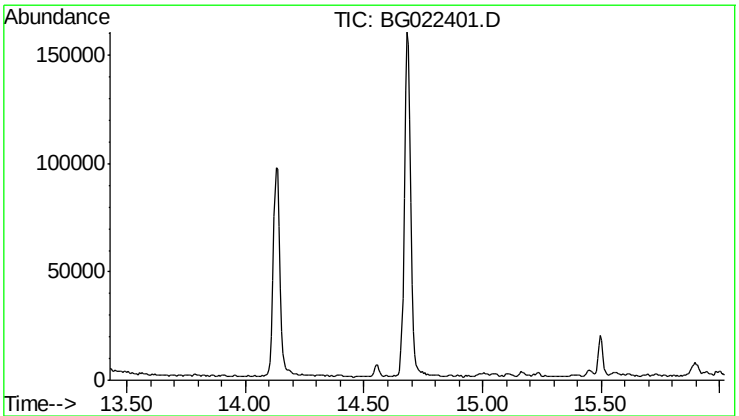
#25
Isophorone
Concen: 17.05 ng
RT: 10.23 min Scan# 1258
Delta R.T. 0.41 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Instrument :
BNA_G
ClientSampleId :
W-3

Tgt Ion: 82 Resp: 198

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.4	20.0#



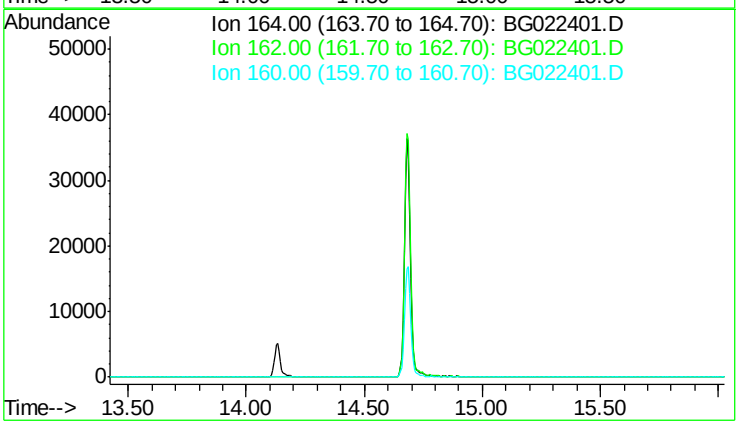


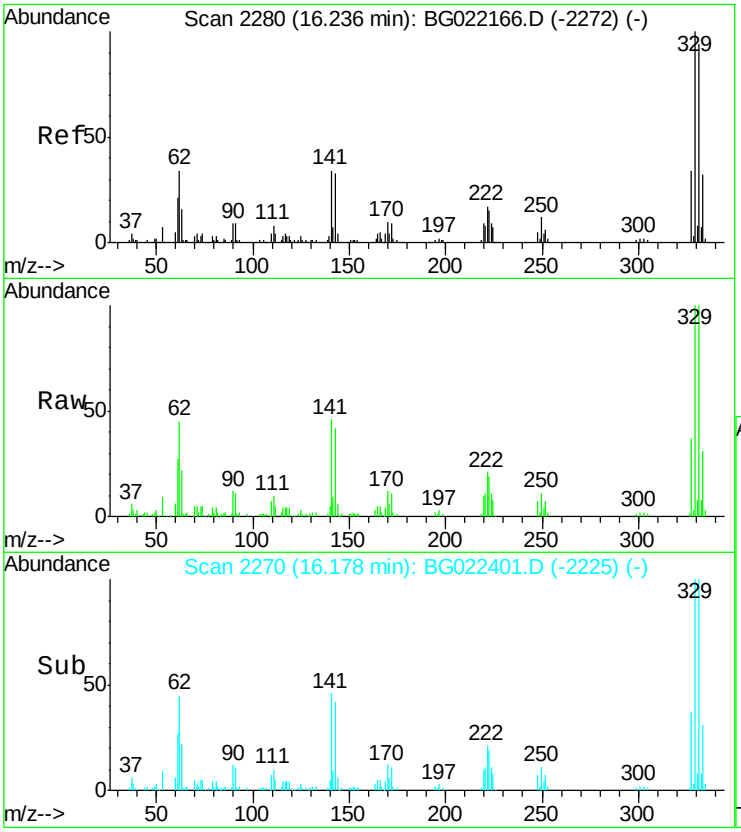
#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 14.72 min

Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	97.5
160	41.1



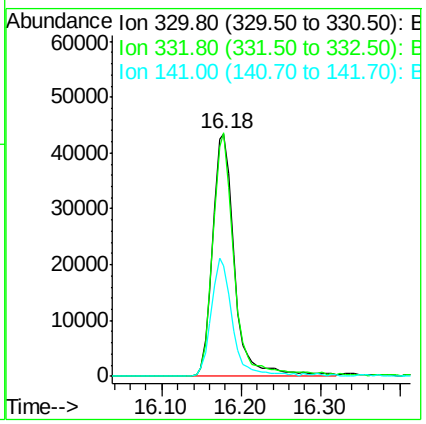


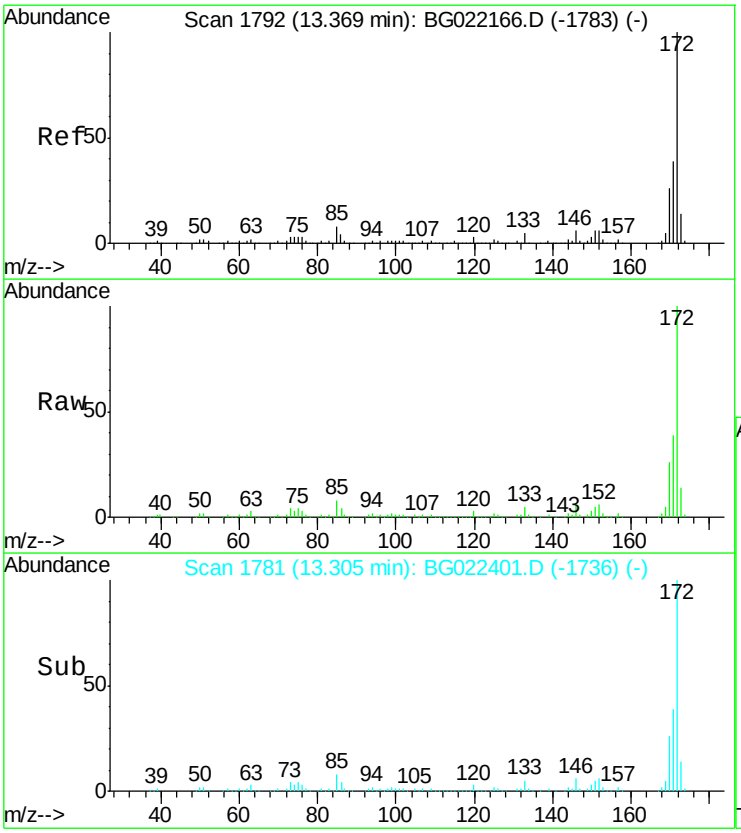
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 16.18 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Instrument :
BNA_G
ClientSampleId :
W-3

Tgt Ion:330 Resp: 83428

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	46.7	33.8	50.8

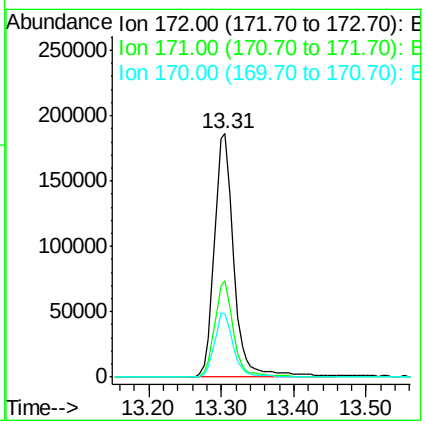


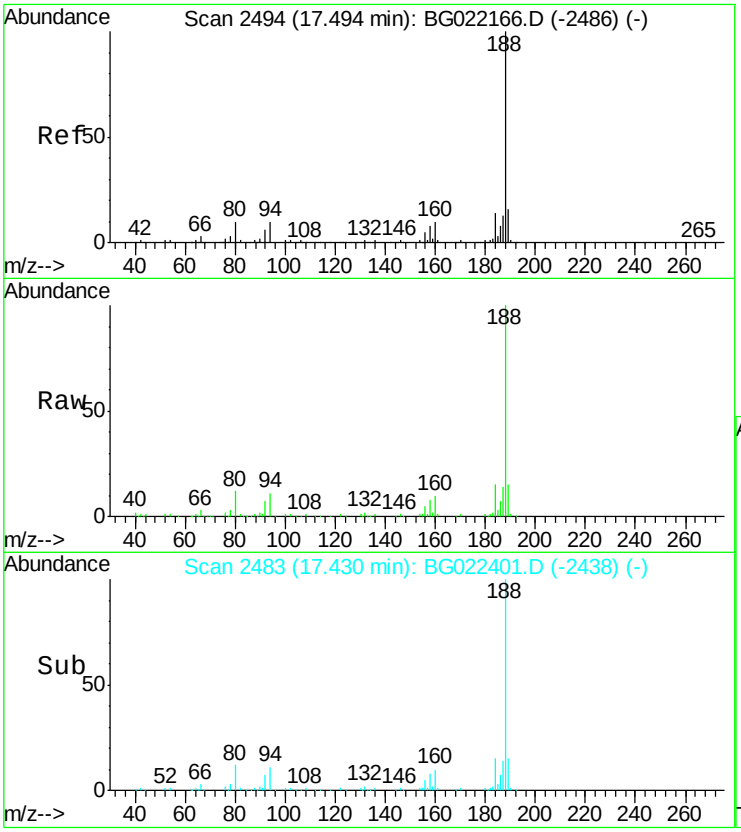


#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 13.31 min Scan# 1781
Delta R.T. -0.04 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Tgt Ion:172 Resp: 349920

Ion	Ratio	Lower	Upper
172	100		
171	39.4	27.8	41.6
170	26.0	19.6	29.4



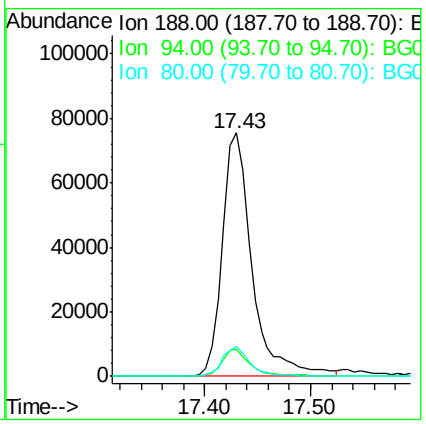


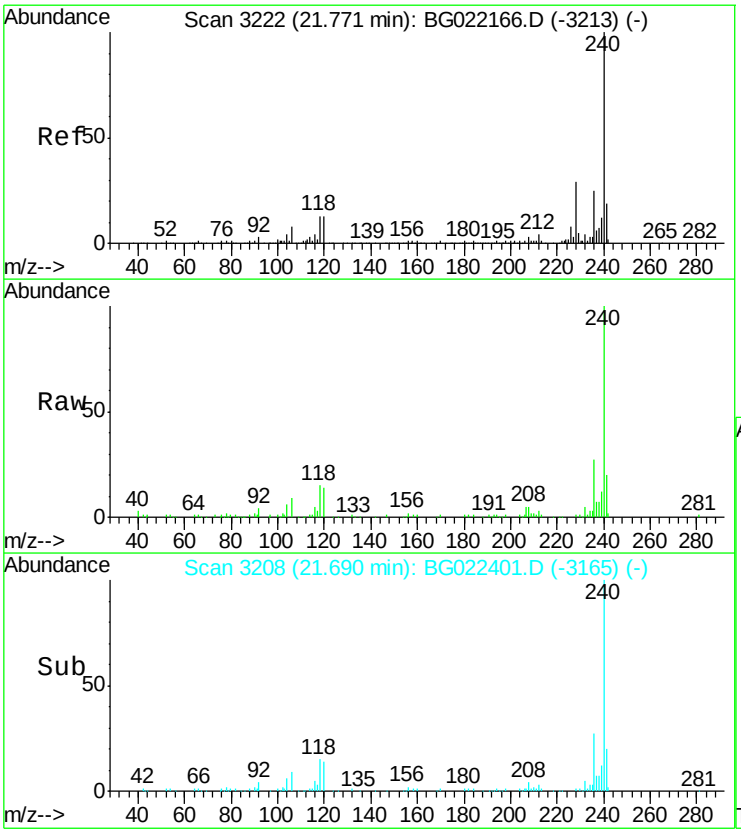
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Instrument :
BNA_G
ClientSampleId :
W-3

Tgt Ion:188 Resp: 147200

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.5	11.3
80	12.1	8.6	13.0

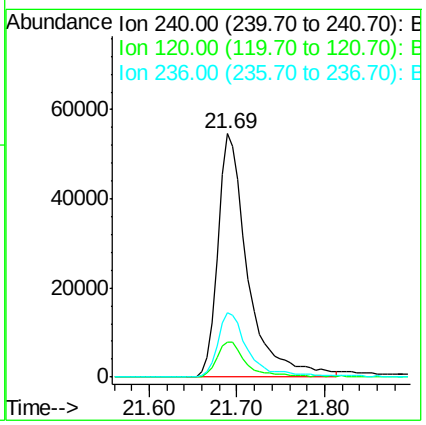


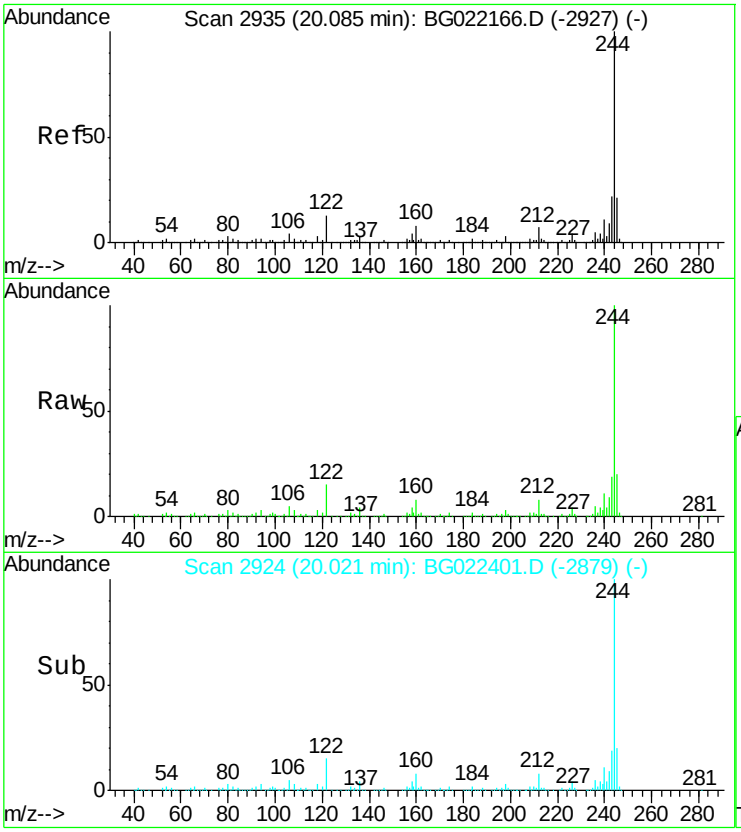


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3208
Delta R.T. -0.05 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Tgt Ion:240 Resp: 128546

Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.4	12.6#
236	26.7	19.6	29.4



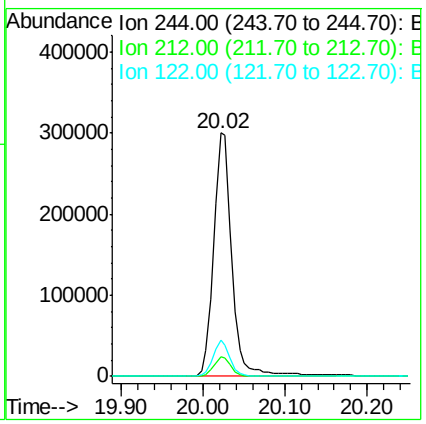


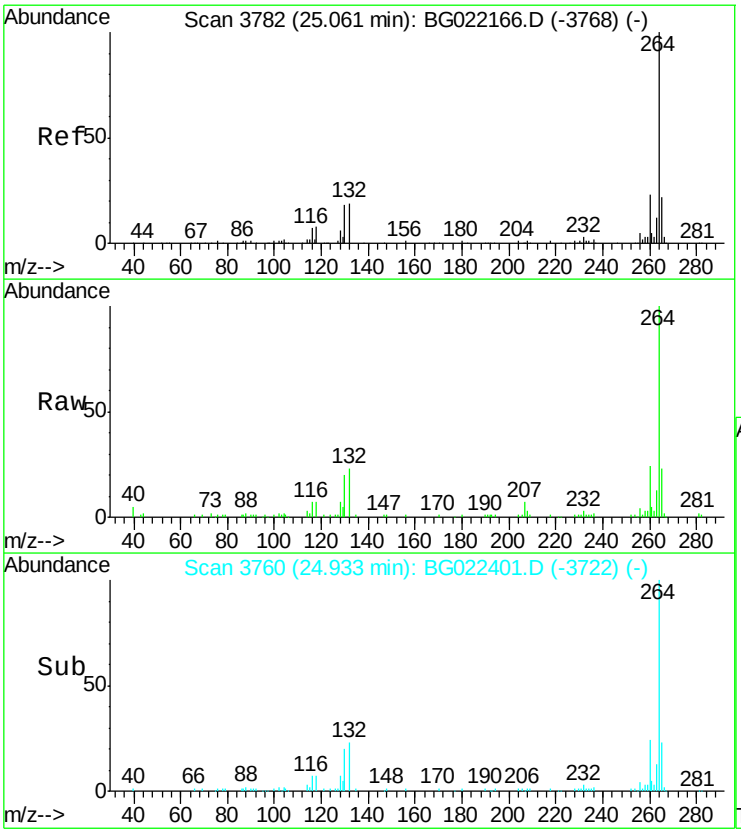
#78
Terphenyl-d14
Concen: 86.50 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.04 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Instrument :
BNA_G
ClientSampleId :
W-3

Tgt Ion:244 Resp: 468366

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	14.9	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.93 min Scan# 3760
Delta R.T. -0.08 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Tgt Ion:264 Resp: 123560

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.4
265	22.9	17.8	26.8